

## 5. Spring wheat

### Fungicide programmes

As with spring barley, the standard programme for this crop involves two sprays.

**Autumn sown crops** however should be treated as for winter wheat (see section 1).

If the crop is late sown (late March onwards) then a single treatment may suffice.

If a single spray is planned it should be applied at GS39-45 (T2 below).

#### T1 – GS31

As stated, if the crop is late sown or particularly clean at this stage this may not be needed.

- If Septoria in particular is developing, apply chlorothalonil with a low dose of triazole, e.g.

**Bravo** 1.0 l/ha + **Cortez**, **Rubric** 0.3-0.5 l/ha, or + **Ignite** 0.4-0.6 l/ha

or

**Bravo** 1.0 l/ha + **Proline** 0.25-0.35 l/ha

- Although most varieties have good resistance, **mildew** can also be an issue at this timing, in which case add a low dose of morpholine for eradicant activity.

With higher mildew pressure, for example crops which develop a dense canopy consider the more protectant and persistent products **Talius**, 0.125 l/ha, or **Cyflamid** 0.15 l/ha, alone or mixed with above treatments as required.

#### T2 – GS39-45

- Where disease pressure is low, repeat the T1 spray.
- If disease is present and developing, and/or the yield potential is high, consider a SDHI-based treatment, e.g.

**Adexar** 0.8-1.0 + **Bravo** 1.0 l/ha or **Aviator** 0.625-0.8 l/ha

A morpholine may again need to be added for mildew control.

#### T3

- Ear sprays may be necessary for quality crops where there is a risk of ear blight. (see Section 1, winter wheat) or where T2 persistence has subsided and disease pressure maintained:

**Proline** 275 0.4 l/ha or **tebuconazole** 190-250 g a.i./ha

- **Ascra** and **Elatus Era** are approved for this crop and though we have not tested them they, along with the other SDHI products, should only be considered in situations of high yield potential and/or high disease pressure. **Vertisan** is also approved for spring wheat and could be considered as a SDHI-based T2 spray (with azole and chlorothalonil added).